

AMENDMENTS TO THE SPECIFICATION

On page 13, please replace the paragraph beginning at line 9 with the following paragraph.

--The first electrolyte layer 16a was made of a compound represented by La_{0.75}Sr_{0.15}Ga_{0.775}Mg_{0.125}Ce_{0.1}O_{3-d}. The second electrolyte layer 16b was made of an oxide ionic mixed conductor represented by La_{0.8}Sr_{0.2}Ga_{0.8}Mg_{0.15}Co_{0.05}O_{3-d} La_{0.75}Sr_{0.15}Ga_{0.775}Mg_{0.125}Co_{0.1}O_{3-d}. The solid electrolyte layer 16 was formed by the following steps. First, oxide powder materials were mixed to obtain the above compositions of the first and second electrolyte layers 16a and 16b. Then, the oxide mixtures were pre-sintered in a range from 900 to 1200°C. Slurries were prepared by crushing the obtained pre-sintered products by a ball mill, and adding binders and solvents to them. Laminated green sheets of the first and second electrolyte layers 16a and 16b were produced by coating the slurries by a doctor blade method. Then, the green sheets were sufficiently dried in air, and sintered in a range from 1300 to 1500°C. Thereby, the solid electrolyte layer 16 was produced. The thickness of the solid electrolyte layer 16 was 100 μ m. The thickness of the first electrolyte layer 16a was 5 μ m, and is 5 % with respect to the thickness of the second electrolyte layer 16b.--